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- (54) **Title:** VESSEL MONITORING BASED ON DIRECTIONALLY CAPTURED AMBIENT SOUNDS

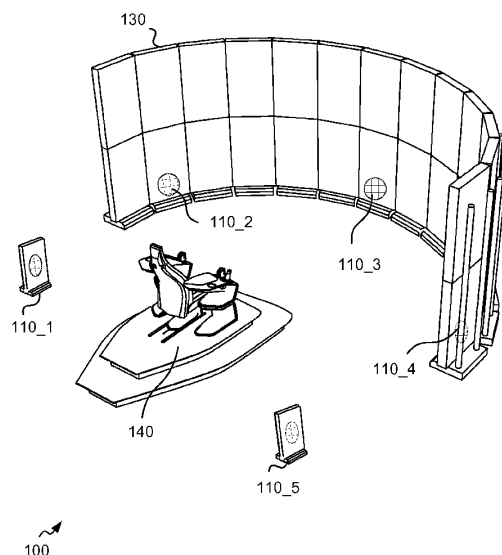


FIG. 4

(57) **Abstract:** The invention allows vessel monitoring based on directionally captured ambient sounds. A remote operation centre for monitoring a vessel comprises a set of speakers and a controller. The controller comprises an input unit configured to receive at least one microphone signal from at least one on-board directional microphone of an array of on board directional microphones. The controller further comprises a processing unit configured to analyze the received at least one microphone signal and to generate speaker-specific directional output signals based on the analysis. The controller further comprises an output unit configured to send the generated speaker-specific directional output signals to respective one or more speakers of the set of speakers.



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